

Title (en)

Method for repairing cracks in components and brazing material for the brazing of components

Title (de)

Verfahren zum Reparieren von Rissen in Bauteilen und Lotmaterial zum Löten von Bauteilen

Title (fr)

Procédé de réparation de fissures dans des éléments structurels et alliage de brasage pour le brazage des éléments structurels

Publication

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Application

EP 05025899 A 20051128

Priority

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Abstract (en)

Repairing a component (1) made from a super alloy, e.g. turbine blade, comprises providing the site to be repaired with a solder material, heating the site until the solder material melts and allowing the solder material to solidify. The solder material is a powder mixture which corresponds to the composition of the alloy of the component and comprises an elemental powder of the alloy of the component and/or a pre-alloy of the alloy of the component. An independent claim is also included for a solder material for soldering a component.

IPC 8 full level

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CPC (source: EP US)

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